

Fig. 1

fiber tail

MKRARPSEDTFNPVYPYDTEGPPTVPFLTPPFVSPNGFQESPP		
1st repeat of the fiber shaft	2nd repeat of the fiber shaft	fiber/fibrin junction
GVLSLRLSEPLVTSN	GMALKMGNGLSLDEA	GNLT SQNVYSRLNEI
7th coiled coil of the fibrin		
DTKQTTVESDISAIKTSI	GYPGNN	SIITSVNTNTDNIASINLEL
NQSGG		
8th coiled coil of the fibrin	9th coiled coil of the fibrin	
IKQRLTVIETSI	GSDDIPSS	IKGQIKDNTTSIESLNGIV
GENTSSG	LRA	
10th coiled coil of the fibrin	11th coiled coil of the fibrin	
NVSWLNQIV	GTDSSGGQPSPPG	SLLNRVSTIETSVSGLNNDVQNL
12th coiled coil of the fibrin		
QVEI	GNNSTG	IKGQVVALNTLV
NGTNPNGSTVEERG	LTNISKANET	
13th coiled coil of the fibrin	trimerization domain of the fibrin	
NIASVTQEVTAKGNISSLQGDVQALQEA	GYIPEAPRDGQAYVRK	
linker	6His ligand	
DGEWLLSTFLSPA	GGGGSGGGGGSGGGGS	RGSHHHHHH

(SEQ ID. No.13)

Fig. 2

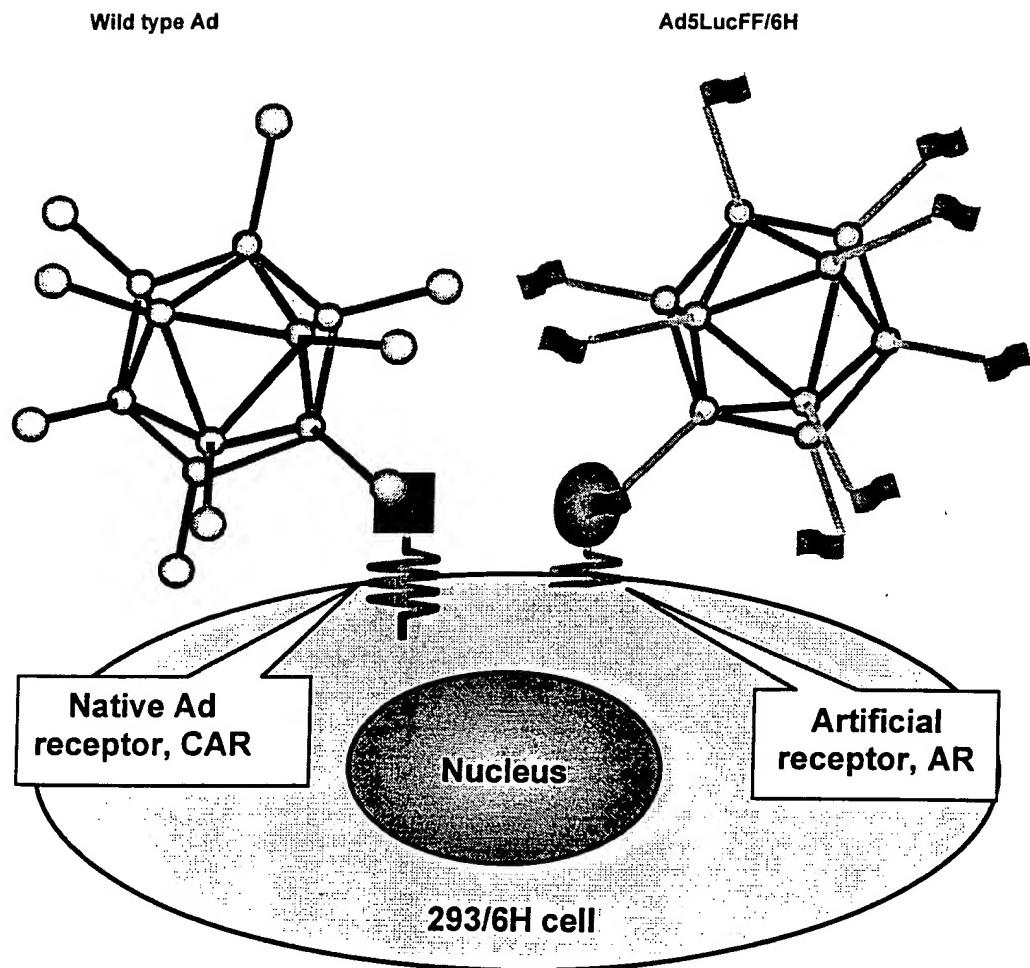


Fig. 3

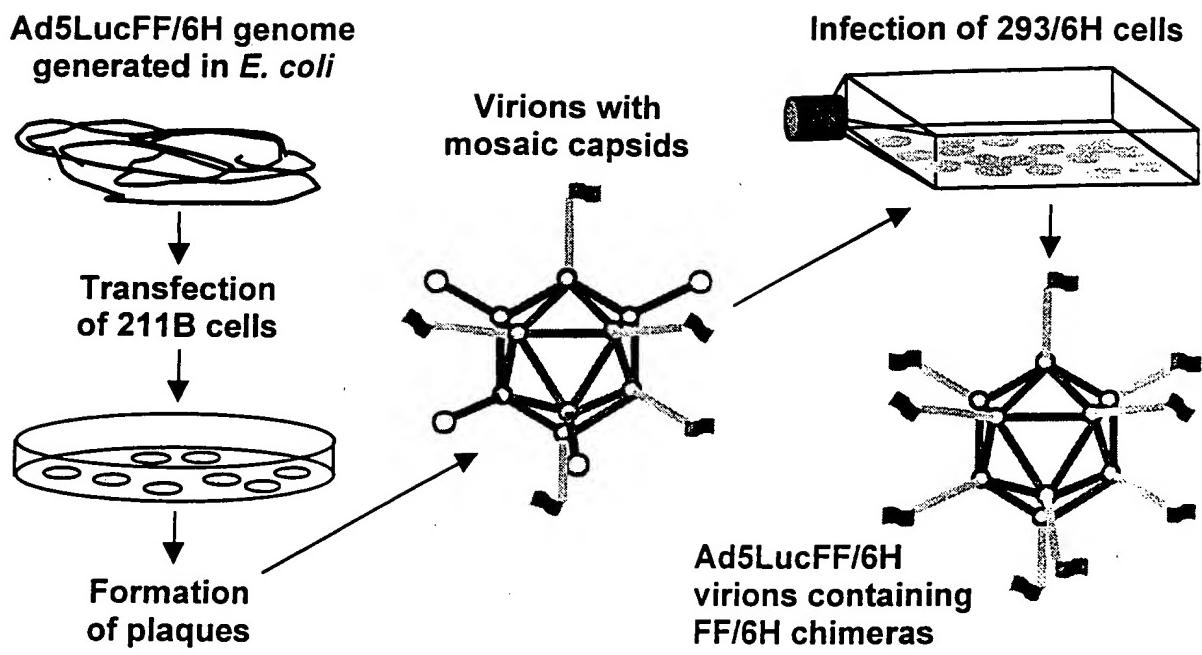
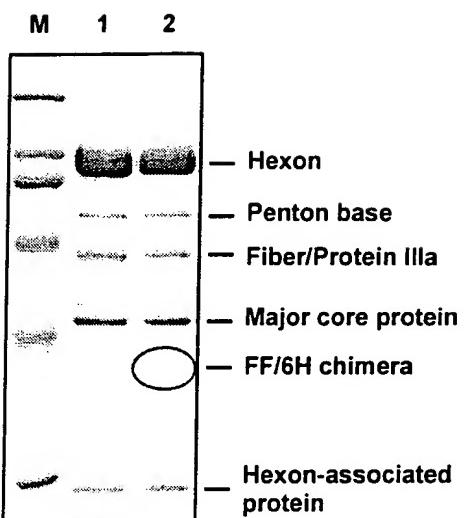


Fig. 4

A



B

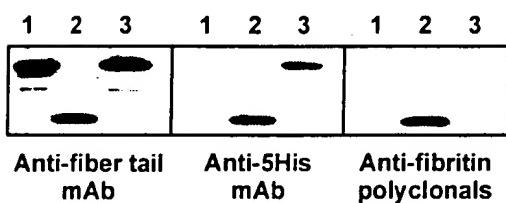


Fig. 5

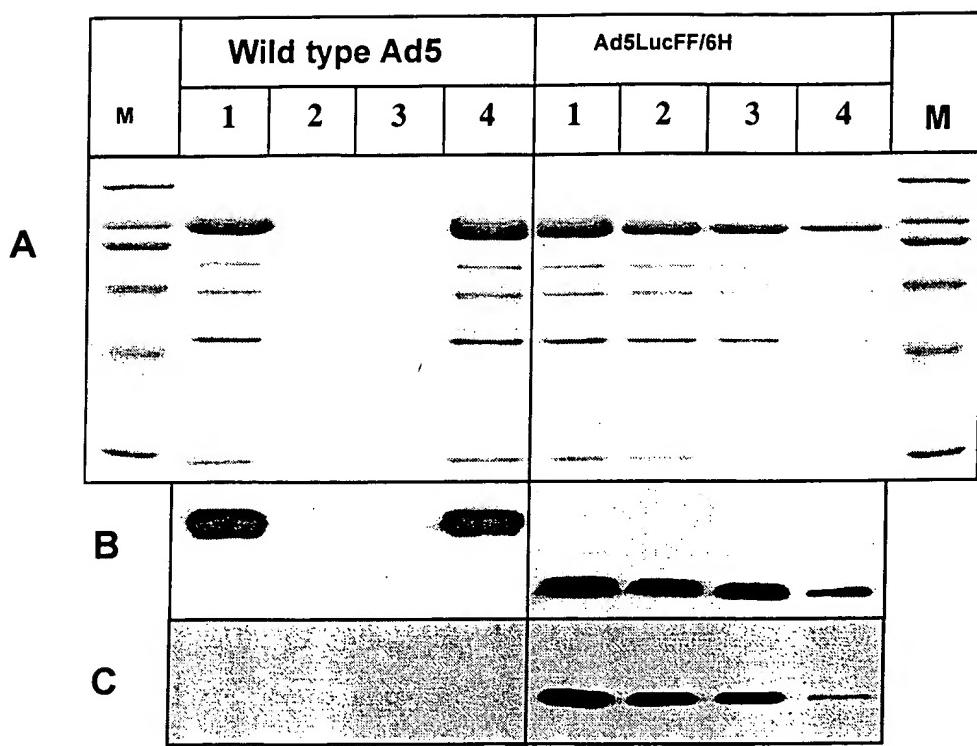


Fig. 6

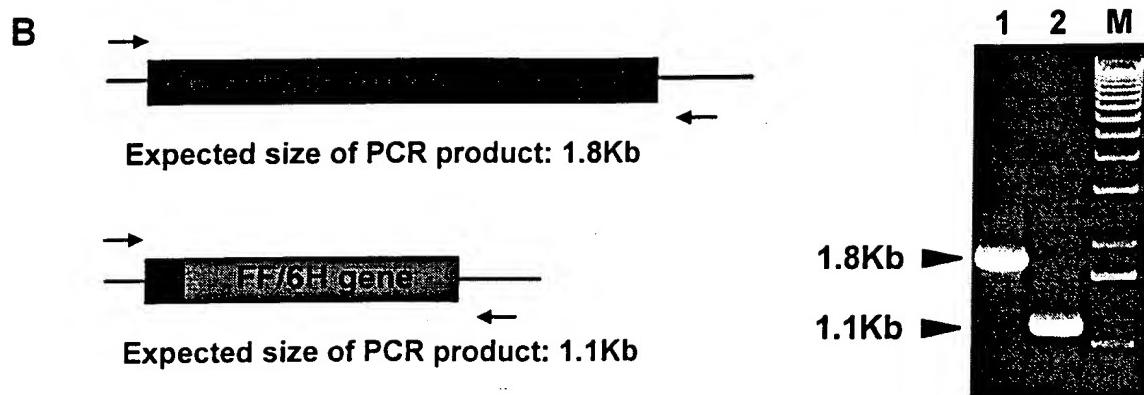
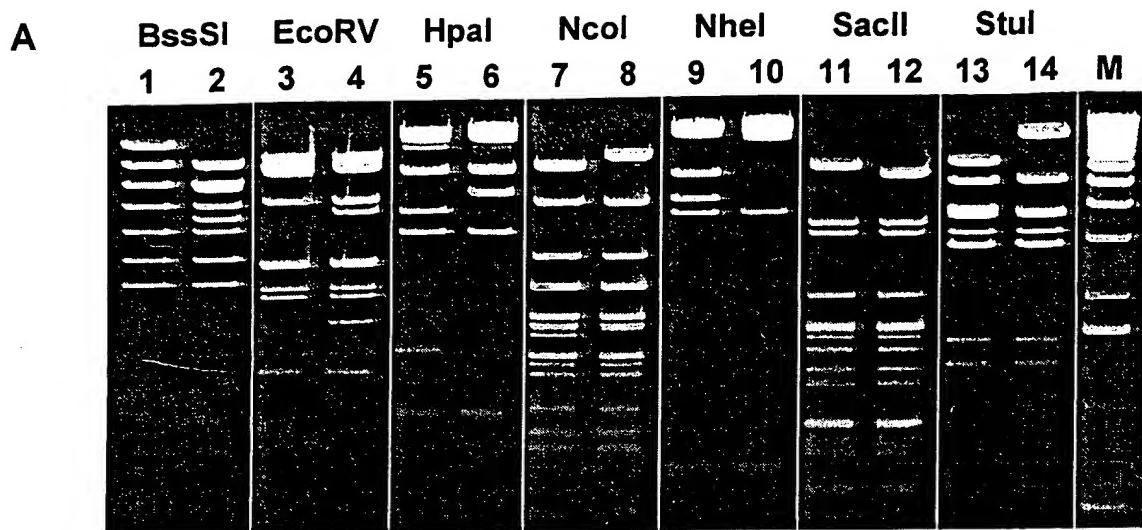


Fig. 7

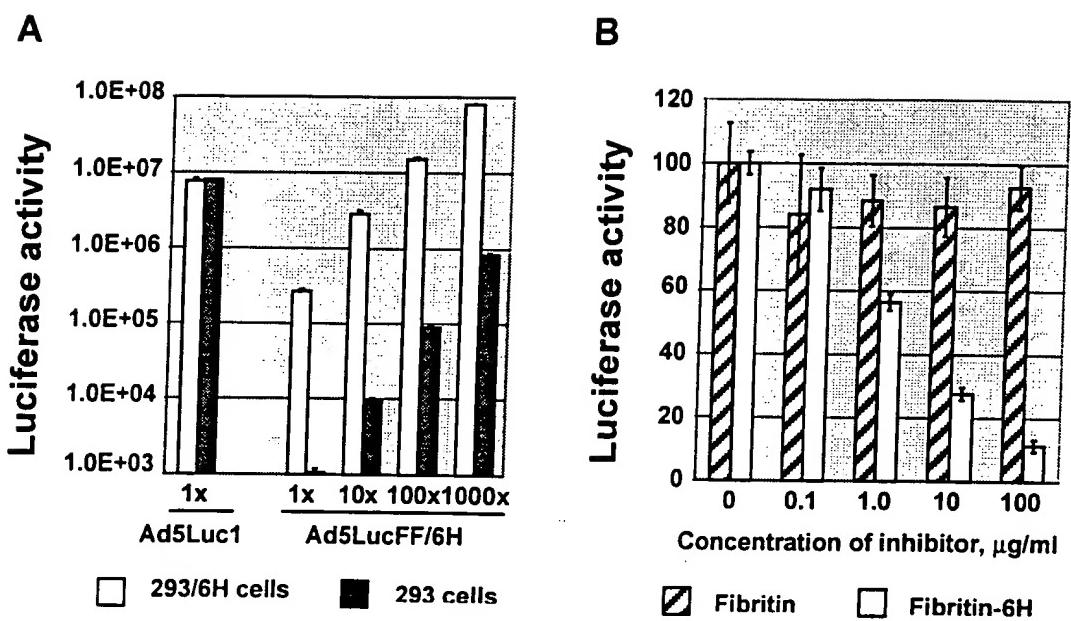
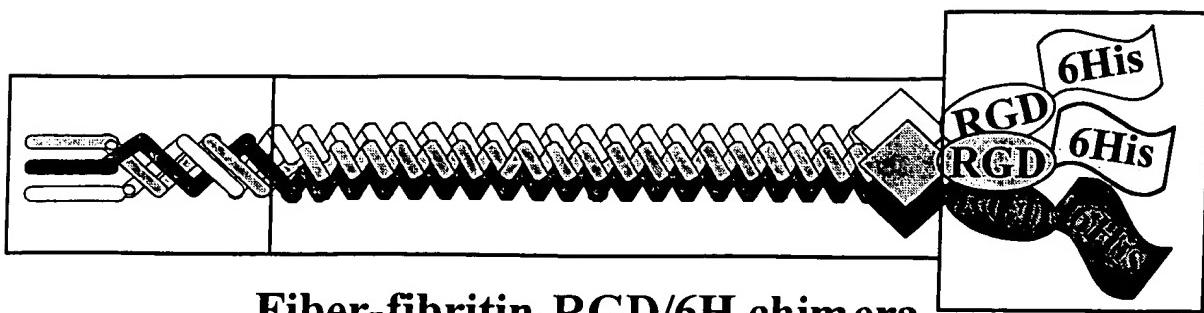


Fig. 8



Fiber-fibritin-RGD/6H chimera

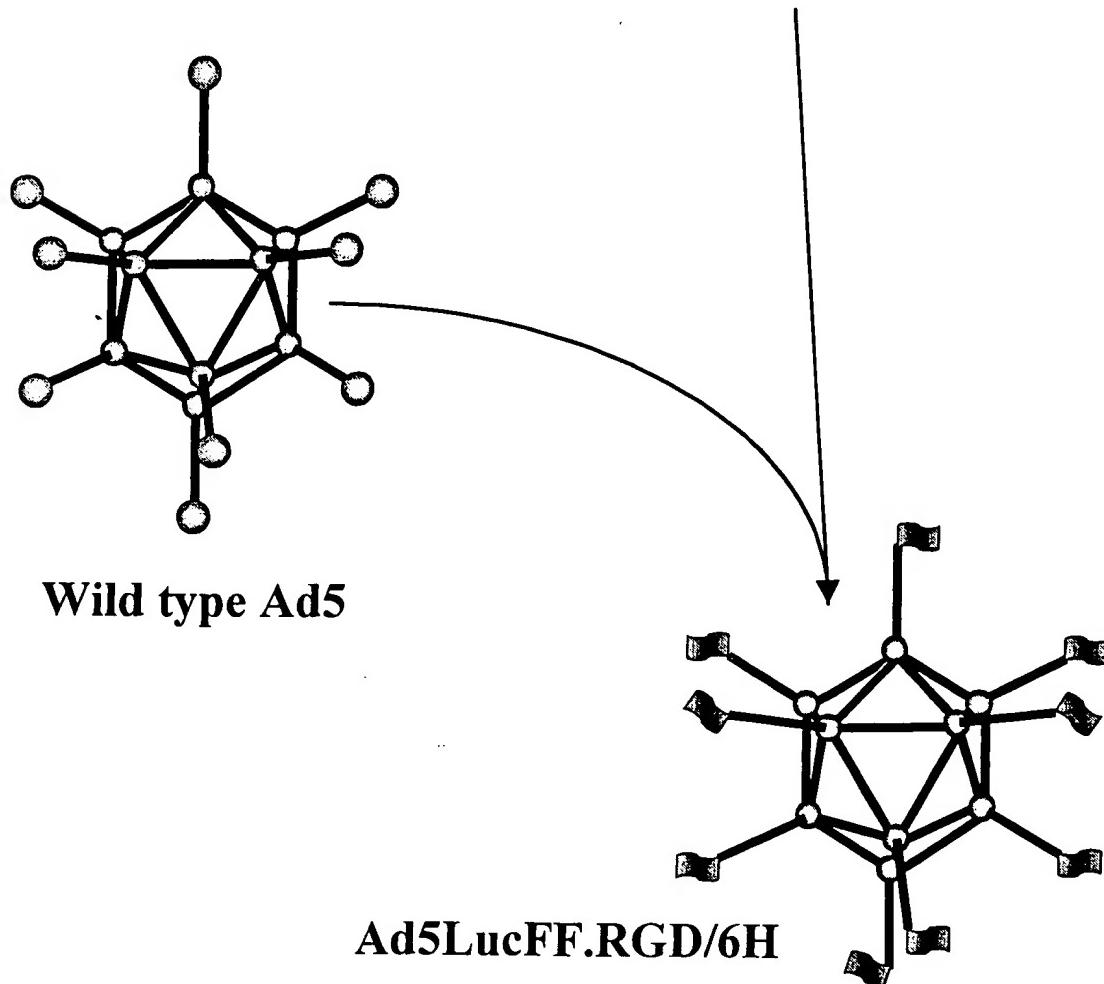


Fig. 9

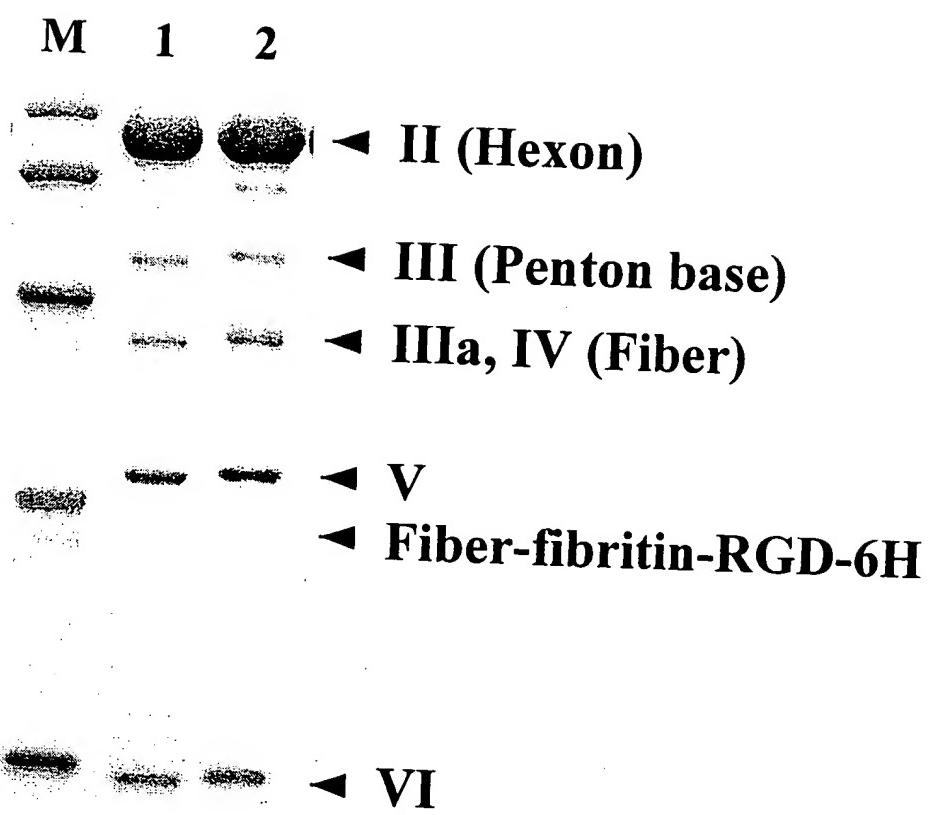


Fig.10

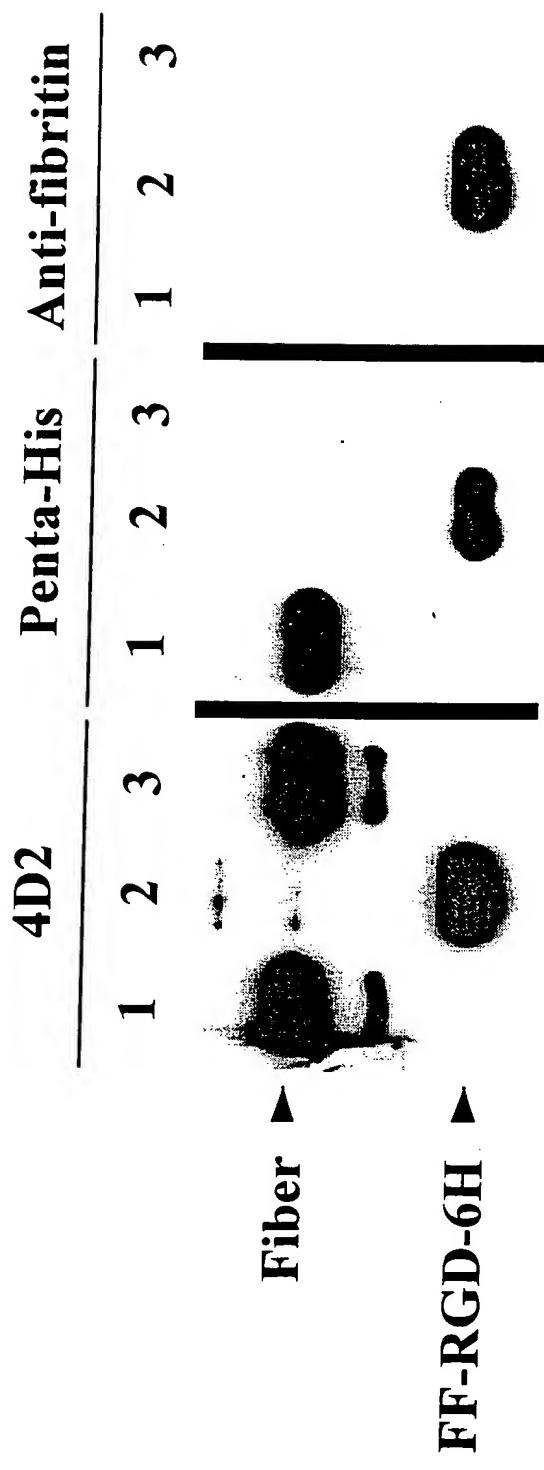


Fig. 11

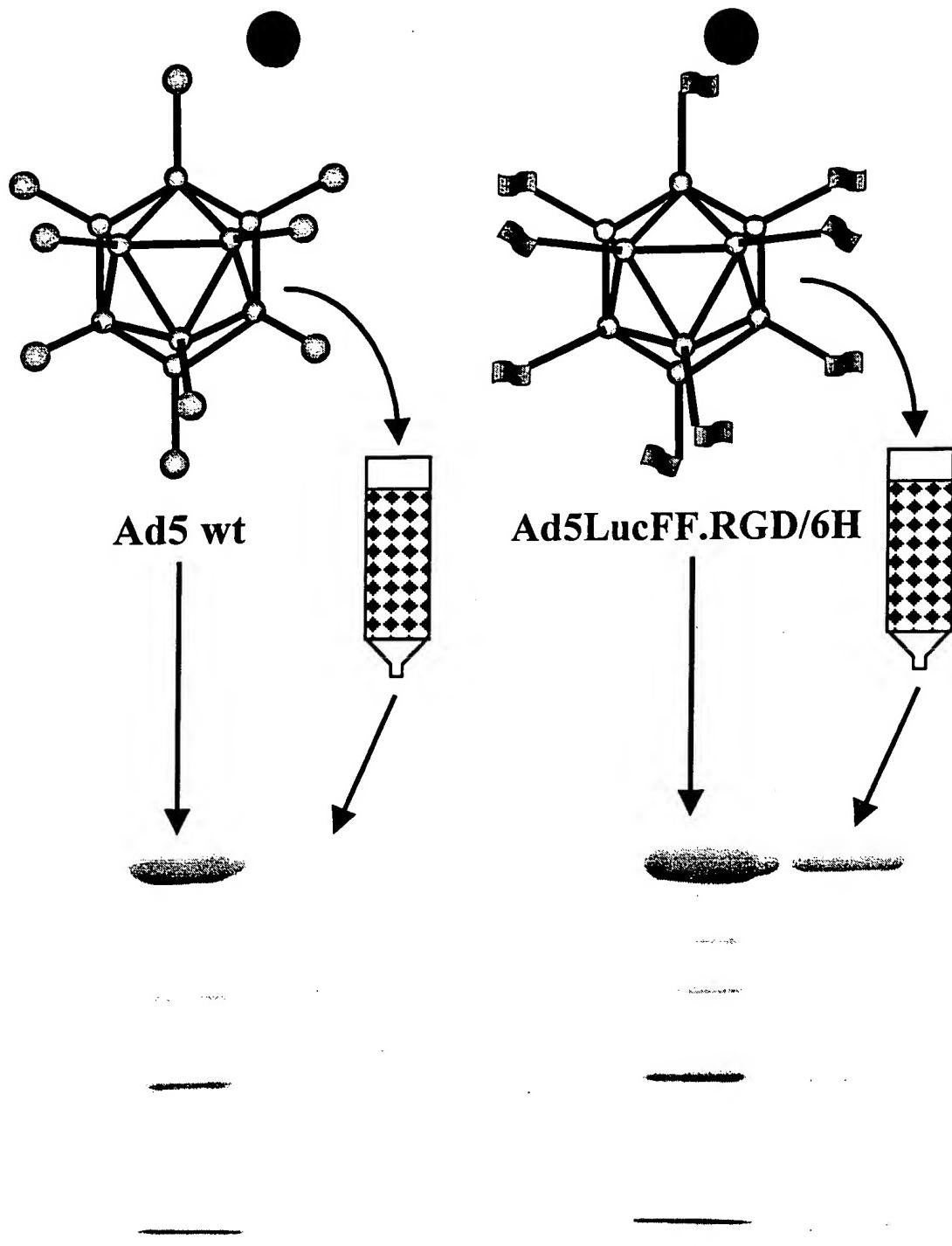
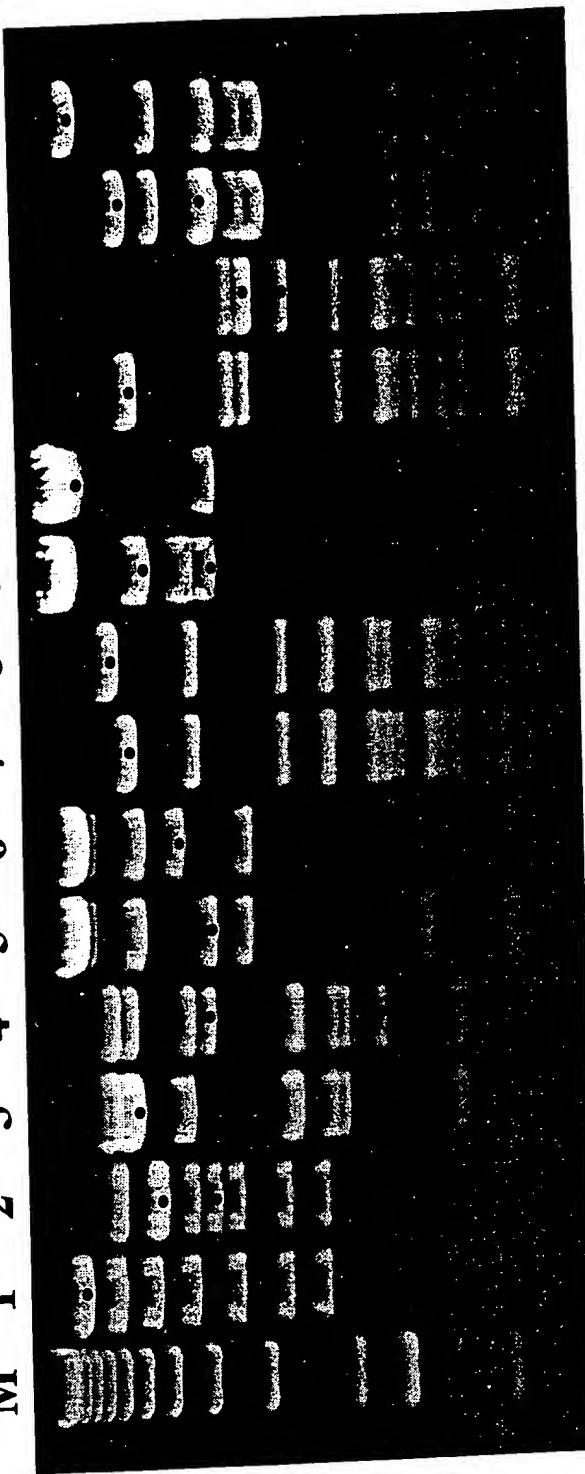


Fig.12

M 1 2 3 4 5 6 7 8 9 10 11 12 13 14



BssSI EcoRV HpaI Nco I Nhe I Sac II Stu I

Fig. 13

Luciferase activity,
RLU

1.00E+07

1.00E+06

1.00E+05

1.00E+04

1.00E+03

Virus Ad5Luc1

Dose 1x 1x 10x 100x 1000x

Ad5.FF.RGD/6H

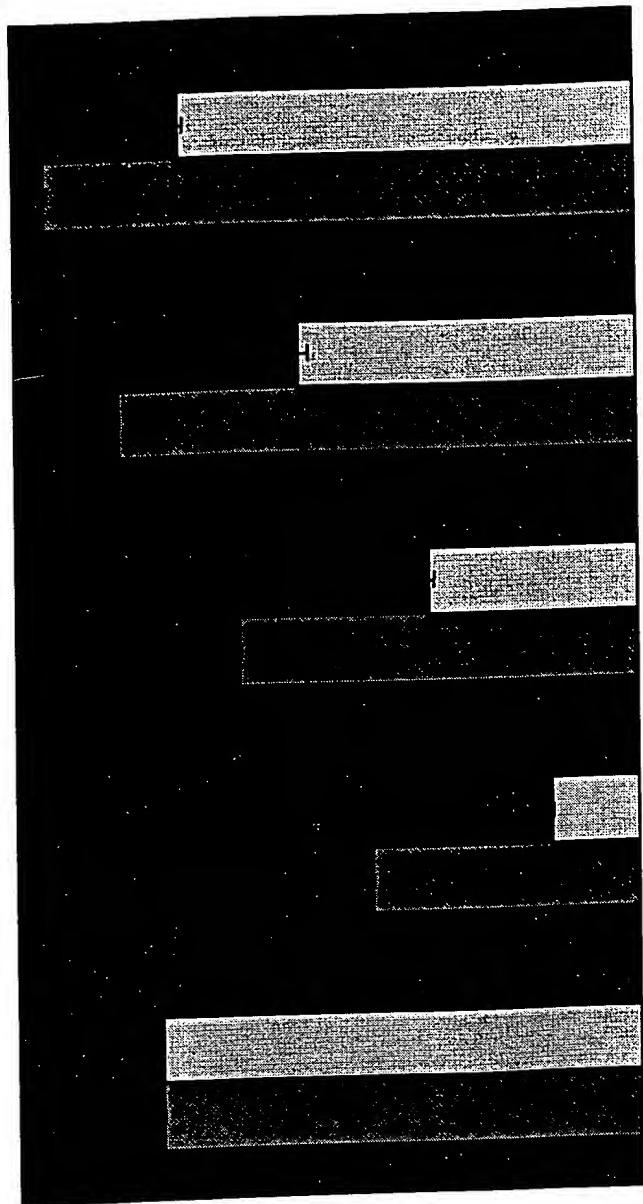


Fig. 14

■ 293/6H
■ 293